- ALL OF THE IMPROVEMENTS PROPOSED IN THIS 63 SHEET PLAN SET ARE AT CONCEPT LEVEL THE DESIGN SHOWN HEREON IS FOR USE IN THE PERMIT PROCESS, UPON APPROVAL, A FINAL DESIGN SHALL BE BASED ON A FINAL ECOLOGIC/GEOTECHNICAL INVESTIGATION AND REPORT, EXISTING UTILITY AND INFRASTRUCTURE RESEARCH, FIELD SURVEY, FINAL ENGINEERING AND IN ACCORDANCE WITH APPLICABLE CODES, LAWS AND THE PROJECT CONDITIONS OF APPROVAL. THIS 63 SHEET PLAN SET IS NOT FOR CONSTRUCTION.
- ALL REFERENCED SPECIFICATIONS, CODES, DRAWINGS AND THESE PLANS AND MADE A PART HEREOF AS IF SPELLED HEREON. OTHER CONSTRUCTION WORK OFFSITE IS NOT PERMITTED WITHOUT PRIOR WRITTEN OF THE AFFECTED OFFSITE PROPERTY OWNERS. DETAILS OUT OR SHALL BE INCORPORATED INTO DELINEATED IN THEIR ENTIRETY
- 유
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND ABIDE BY THEIR REQUIREMENTS AS APPLICABLE. THE PROJECT'S APPROVAL
- GEOTICHNICAL REPORTS AND ANY UPDATES SHALL BE INCORPORATED INTO THESE PLANS AND MADE A PART HERGOF AS IF SPELLED OUT IN THEIR ENTRETTY HERGOF. IT IS THE CONTRACTION'S RESPONSIBILITY TO REVIEW THE APPULCABLE REPORTS AND ABIDE BY THEIR RECOMBENDATIONS. IF THE CONTRACTOR DETERMINES THERE IS A CONFLICT BETWEEN THESE PLANS AND THE REPORTS, HE SHALL PHOME AND NOTIFY IN WRITING BOTH THE PREPARER OF THESE PLANS AND THE REPORT PRIOR TO PROCEEDING. HE WILL WAIT FOR A WRITTEN RESPONSE CLARIFYING THE DISCREPANCY.
- BEFORE BEGINNING WORK, THE CONTRACTOR SHALL CONTACT THE OWNER, PERMIT AGENCY, THE UTILITY COMPANIES, THE SOILS ENGINEER, AND THE PROJECT ENGINEER (PENTIELD & SMITH), AND SHALL DETERMINE FROM EACH: (1) SCOPE OF WORK TO BE OBSERVED AND BY WHOM, (2) SCOPE OF TESTING, AND (3) ADVANCE NOTICE REQUIRED (MINIMUM OF 48 HOURS), DURING THE COURSE OF WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING FOR OBSERVATION AND TESTING AS STIPULATED PURSUANT TO ABOVE DETERMINATIONS, WORK NOT OBSERVED AND TESTED WILL BE SUBJECT TO REJECTION.
- TORE BEGINNING WORK, THE CONTRACTOR SHALL DETERMINE OR VERIFY WALNE ELEVATION OF ALL EXISTING WARER, SEWER, AND DEVELOPMENT OF ALL EXISTING WARER, SEWER, AND DEVELOPMENT OF ALL EXISTING WARER, SEWER, AND THE PROJECT ENGINEER BY PHONE AND IN WRITH IMMEDIATELY NOTIFY THE PROJECT ENGINEER BY PHONE AND IN WRITH IMMEDIATELY NOTIFY THE PROJECT ENGINEER BY PHONE AND IN WRITH RIFY THE LOCATION AND STRUCTURES AND/OR OBSERVED THE CONTRACTOR WRITING.
- EXISTING PERMANENT SURVEY MONUMENTS SHOWN ON THE PLANS, INCLUDING PROPERTY CORNERS AND BENCHMARKS, SHALL BE PRESERVED BY THE CONTRACTOR OR SHALL BE TIED-OUT PRIOR TO CONSTRUCTION AND RE-SET AFTER CONSTRUCTION BY A LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- THE ROUGH GRADING CONTRACTOR SHALL GRADE TO SUBGRADE.

9. 10.

- AREAS TO RECEIVE FILL MATERIAL AND AREAS TO RECEIVE BUILDINGS, WALLS, PAVEMENT, SIDEWALKS AND OTHER STRUCTURAL IMPROVEMENTS SHALL BE PREPARED AS RECOMMENDED BY, AND JUNDER THE GOSERNATION AND TESTING OF THE SOLIS ENGINEER, RECOMMENDATIONS FOR OVER-EXCAVATION, ADDITIONAL SCARIFICATION, BACKFILL AND RECOMPACTION ARE TO BE PROVIDED BY THE PROJECT SOILS ENGINEER.
- IF NOT DIMENSIONED, LOCATION OF FINISH GRADE ELEVATIONS AND FEATURES SUCH AS SWALES, RIDGE LIVES, ETC. SHALL BE DETERMINED BY SCALE FROM KNOWN POINTS SHOWN ON THE PLANS. UNIFORM GRADIENTS OR VERTICAL CURVES, AS APPROPRIATE, SHALL BE ASSUMED BETWEEN CONTROL ELEVATIONS SHOWN ON THE PLANS.

#### REQUIREMENTS 윾 CONTRACTOR

- CONTRACTOR SHALL MANTAIN A COMPLETE AND ACCURATE RECORD OF ALL CHANGES OF ISTRUCTION FROM THAT SHOWN IN THESE PLANS AND SPECIFICATIONS FOR THE PRIPOSE OF WIDING A BASIS FOR CONSTRUCTION RECORD DRAWINGS. NO CHANGES SHALL BE MADE WITHOUT AR WRITTEN APPROVAL OF THE PROJECT ENGINEER AND THE ACENCY HAVING JURISDICTION. IN COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL DELIVER THIS RECORD OF ALL STRUCTION CHANGES TO THE ENGINEER ALONG WITH A LETTER WHICH DECLARES THAT THE MUST DECLARES THAT THE ALONG CHANGE OF ALL STRUCTION CHANGES OF CONTRACTOR WITH THE APPROVED PLANS, SPECIFICATIONS AND PROVED CHANGE ORDERS.

  ROVED CHANGE ORDERS.

  THE ENGINEER WHO PREPARED THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR DUTHORSZED CHANGES OR USES OF THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE RESPONSIBLE OR LIABLE FOR ROVED IN WRITING BY THE PROJECT ENGINEER.
- CONTRACTOR SHALL PROMPTLY NOTIFY THE PROJECT ENGINEER, OWNER AND THE PUBLIC IXS INSPECTOR BY PHONE AND IN WRITING UPON DISCOVERY OF, AND BEFORE DISTURBING, SICAL CONDITIONS DIFFERING FROM THOSE REPRESENTED BY APPROVED PLANS AND CIFICATIONS. ΑNΥ
- THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES. THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB STIE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONALS HARMLESS FROM ALL LIABILITY AND CLAIMS, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONALS.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL AND SAFETY AND SHALL FURNISH, INSTALL, AND MAINTAIN SUCH FENCING, SIGNS, LIGHTS, TRENCH PLATES, BARRICADES, AND/OR OTHER PROTECTION AS IS NECESSARY FOR SAID CONTROL AND SAFETY. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR PROTECTION OF PUBLIC AND PRIVATE PROPERTY IN THE VICINITY OF THE JOB SITE AND EVENTHER AGREES TO, AT CONTRACTOR'S EVERING FARMED, ACE TO THE DRIENNAL CONDITION, ALL EXISTING IMPROVEMENTS WITHIN OR IN THE VICINITY OF THE JOB SITE WHICH ARE NOT DESIGNATED FOR REMOVAL AND WHICH ARE DAMAGED OR REMOVED AS A RESULT OF CONTRACTOR'S OPERATIONS.
- EXISTING BURIED CONDUITS AND STRUCTURES KNOWN TO THE ENCINEER PLANS. HOWEVER, ALL SUCH CONDUITS AND STRUCTURES MAY NOT BE: LOCATIONS OF THOSE SHOWN ARE APPROXIMATE ONLY AND HAVE NOT NIDEPENDENTLY VERIFIED BY THE PREPARER OF THESE PLANS. ER ARE SHOWN ON THE SHOWN AND THE T NECESSARILY BEEN 3S3HL
- THE CONTRACTOR SHALL INDEPENDENTLY VERIFY THE PRESENCE OF BURBLED COMUNITS AND STRUCTURES. BOTH ACTIVE AND ABANDONED-HEN-PACKE AND, BEFORE COMMENCING WORK, CONTRACTOR SHALL DETERMENTE THE EXACT LOCATION INCLUDING SERVICE CONNECTIONS, WHICH UNDERGROUND UTILITIES, CONDUITS AND STRUCTURES, INCLUDING SERVICE CONNECTIONS, WHICH MAY AFFECT OR BE AFFECTED BY HIS OPERATIONS, CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH OCCUR AS A RESULT OF CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES, CONDUITS AND STRUCTURES.

34-ENG SAVE DATE: 8/25/2010 8:15:24 AM

FOR REDUCED ORIGINAL SCALE

D PLANS

621 CHAPALA STREET SANTA BARBARA, CA 93101 (805) 963–0651

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#### RETAINING WALL **SPECIFICATIONS**

- ALL WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE 2001 EDITION OF THE CALIFORNIA BULDING CODE, SECTION 303-4 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AMERICAN CONCRETE INSTITUTE SPECIFICATIONS, AND THE PROJECT PLANS AND PROJECT SPECIFICATIONS.
- MATERALS AND CONSTRUCTION METHODS FOR CONCRETE FOOTINGS AND MASONRY WALLS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2001 CAUFORMA BUILDING CODE CHAPTERS 18, 19, AND 21, AND THE SPECIFICATIONS FOR STRUCTURAL CONCRETE IN ACI 201-05. IN ADDITION TO THE ABOVE, THE CONTRACTOR IS RESPONSIBLE TO CONSTRUCT IMPROVEMENTS IN ACCORDANCE WITH THE INDUSTRY STANDARD OF CARE.
- PRIOR TO CONSTRUCTION, A GRADING PERMIT SHALL BE GRTAINED FOR MALL CONSTRUCTION FOR THE DEPARTMENT OF BUILDING & SAFETY, FOR MALL CONSTRUCTION ADJACENT TO PROPERTY LINES, SUCH LINES SHALL BE ESTABLISHED BY A LICENSED SURVEYOR.
- R USE IN FOOTINGS SHALL HAVE A MAXIMUM ENTRAINED AIR CONTENT E MAXIMUM WAITER-CEMENT RATIO SHALL BE 0.50 UNLESS OTHERWISE SLUMP SHALL BE 4-INCHES. OF 3 NOTED.
- PORTLAND CEMENT CONCRETE FOR FOOTINGS SHALL REACH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI WITHIN 28 DAYS UNLESS OTHERWISE NOTED. CEMENT SHALL BE PORTLAND CEMENT TYPE 2 OR TYPE 5. AGGREGATES USED FOR CONCRETE CONSTRUCTION SHALL BE NONREACTIVE WHEN TESTED IN ACCORDANCE WITH ASTM DESIGNATION C289 AND EVALUATED IN ACCORDANCE WITH APPENDIX A-1 OF ASTM C33. CONTRACTOR SHALL PROVIDE EVIDENCE OF RECENT TESTING AND EVALUATION OF AGGREGATES FROM SUPPLIER PRIOR TO CONSTRUCTION.
- NULESS OTHERWIS: NOTED IN THESE PLANS, FOOTNOS STALL BE PLACED A MINIMUM OF NICHES INTO UNDISTURBED SOIL OR COMPACTED FILL SOIL. STEP FOOTING AS REQUIRED FIT FIELD CONDITIONS.
- CONCRETE MASONRY UNITS SHALL CONFORM TO UBC STANDARD NO. 21–4, HOLLOW AND SOUID LOAD—BEARING CONCRETE MASONRY UNITS, GRADE N TYPE–1 OR TYPE–2 UNITS, MEDIUM WEIGHT BLOCK.
- NORTAR CEMENT SHALL CONFORM TO UBC STANDARD 21-14 FOR RENORGED MASONRY. TYPE M OR S. THE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 2700 PSI. PRE-BLENDED MORTAR IS ALSO ACCEPTABLE PROVIDED IT CONFORMS TO ASTM C-270.
- MORTAR FOR REINFORCED MASONRY SHALL CONFORM TO UBC STANDARD 21-15, TYPE M TYPE S. THE AVERAGE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 1,800 PSI.
- ≓ 10. GROUT SHALL CONFORM TO CBC STANDARD NO. 21-19 PORTLAND OR BLENDED CEMENT, GROUT FOR MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI AT DAYS.
- ALL REINFORCING S SPLICE SHALL BE CLEAN AND FREE F BOND. REINFORCEMENT SHALL BE SECURED AGAINST DISPLACEMENT PRIOR TO GROUTING OR PLACEMENT OF CONCRETE BY WIRE POSITIONERS OR OTHER SUITABLE DEVICES AT INTERVALS NOT EXCEEDING 200 BAR DIAMETERS. STEEL SHALL BE GRADE 60 PER ASTW A615 OR A706. MINIMUM LAP 40 BAR DIAMETERS UNLESS OTHERWISE NOTED. REINFORCING SHALL BE FROM LOOSE RUST AND OTHER COATINGS THAT WOULD INHIBIT REINFORCING

12.

- ;3
- REMOVE MORTAR DROPPINGS AND DVERHANGS FROM THE FOUNDATION OR BEARING SURFACE, CELL WALLS, AND REINFORGING, BEFORE FLACING GROUT, CLEAN CELLS OF DELETRIBUSS MATERIALS, OVERHANGING MORTAR, AND ANY OTHER OBSTRUCTIONS BEFORE GROUTING.
- AY BLOCK IN RUNNING BOND, UNIESS OTHERWISE NOTED, USE SPECIAL SHAPED UNITS FOR BOND BEAMS AT THE LOCATION OF HORIZONTAL STEEL TOOL EXPOSED JOINTS CONCAVE. FLUSH OUT JOINTS SHALL BE MADE WHERE MASONRY SURFACES ARE TO RECEIVE COATINGS.

5.

4.

- IN ACCORDANCE WITH CHAPTER 21 OF THE CBC, ALL CELLS FOR WALLS SHALL BE FILLED WITH GROUT AND ADEQUATELY CURED PRIOR TO BACKFILLING. SECRECATION OF GROUT MATERIALS SHALL BE AVOIDED. ALL GROUT SHALL BE MECHANICALLY VIBRATED IN PLACE BEFORE LOSS OF PLASTICITY IN A MANNER TO THE THE GROUT SHACE. GROUT LITTS IN EXCESS OF 5' SHALL UTILIZE CLEAN-JOUTS. GROUTING OF MAY SECTION OF WALL SHALL SHALL BHALL BHAL
- THE LOCATION OF THE VERTICAL REINFORCEMENT AS SHOWN IN THE DETAILS IS TO BE MEASURED FROM THE INDICATED SURFACE TO THE NEAREST SURFACE OF THE REINFORCING BAR (CLEAR DISTANCE).

6.

17.

- FOOTING EXCAVATION SHALL BE INSPECTED AND APPROVED ENGINEER PRIOR TO PLACEMENT OF REINFORCING STEEL. BY A QUALIFIED GEOTECHNICAL
- <u>æ</u> DRAINAGE BEHIND THE WALL IS REQUIRED FOR WALLS RETAINING MORE THAN 3-FEET OF SOIL. A 12-INCH HIGH AND 12-IN WIDE FABRIC WRAPPED GRAVEL DRAIN WITH 4-INCH PERFORATED FOV DRAIN LINE SHALL BE PLACED AT THE TOP OF FOOTING ON THE RETAINING SIDE OF THE WALL. A 12-INCH WIDE GRAVEL COLUMN SHALL BE PLACED ON TOP OF THIS "FRENCH DRAIN" TO WITHIN 12-INCHES OF THE FINISH SURFACE. FILTER FABRIC SHALL BE WIRAF1 140-INC OR APPROVED EQUIVALENT, MIRADRAIN 6000 SYSTEM WITH PERFORATED DRAIN PIPE MAY BE SUBSTITUTED FOR THE GRAVEL AND FRENCH DRAIN.
- 19. THE PERFORATED DRAIN SHALL EXTEND TO DAYLIGHT OR PERIODIC DRAINAGE THROUGH THE FACE OF WALL SHALL BE PROVIDED, HEAD JOINTS MAY BE OMITTED IN THE FIRST COURSE ABOVE FINISH GRADE PROVIDED SPEED—BLOCK IS NOT USED. WHERE SPEED—BLOCK IS USED THE WALL SHALL BE CORED AND SLEEVED WITH 1-INCH DIAMETER SLEEVES AT 2-FEET ON CENTER. THE CORNICA AND SLEEVING SHALL BE DONE PRIOR TO GROUTING THE WALL. HOLES SHALL BE CORD AND SLEEVING SHALL BE DONE PRIOR TO GROUTING THE WALL. HOLES SHALL BE ANGLED SO AT THE CONTRACTORS OPTION, THE CORNICA CHAPTER SHEVES THE SHALL BE ANGLED SO AT THE CONTRACTORS OPTION, THE CORNICA MAY BE PERFORMED AFTER THE WALL IS GROUTED, PROVIDED THE HOLES DO NOT DAMAGE THE VERTICA, STEEL LOCATION OF THE VERTICA, PROVIDED THE HOLES DO NOT DAMAGE THE VERTICA STEEL LOCATION OF THE VERTICA STEEL STEEL STEEL STEEL STEEL STEEL STEEL ST
- 20. GRANULAR BACKFILL MATERIAL SHALL BE PLACED BEHIND THE GRAVEL AND A 45 DEGREE LINE PROJECTED FROM THE BOTTOM OF FOOTING UP TO THE FINISHED SURFACE (BEHIND TWALL). THE GRANULAR BACKFILL MATERIAL IS DEFINED AS HAVING NO MORE THAN 35% PASSING THE 200 SEVE. THE TOP 12" TO 24" OF FINAL BACKFILL SHALL BE NATIVE OR TOP SOIL, TO PROMOTE PLANT GROWTH. Ħ
- PRIOR TO BACKFILL OR THE APPLICATION OF THE RETAINING PORTION OF THE STEM SHALL BE SEASEALER K-770 BY KRYTON (1-800-267-8280) THE DRAINAGE SYSTEM BEHIND THE WALL, SEALED WITH HYDROSTOP WATER REPELLENT 80) OR APPROVED EQUIVALENT.

21.

POINT DUME STATE BEACH

VICINITY MAP
SCALE: N.T.S.

PACIFIC OCEAN

QA09

- NORTH TRAIL

- 2. GENERAL CONSTRUCTION & UTILITY NOTES
  3. GENERAL CONSTRUCTION & UTILITY NOTES
  4. SITE PLAN RAMIREZ CANYON
  5. SITE PLAN RAMIREZ CANYON
  6. SITE PLAN RAMIREZ CANYON
  7. AREA 2 RAMIREZ CANYON
  8. PLAN AND PROFILE RAMIREZ CANYON
  9. PLAN AND PROFILE RAMIREZ CANYON
  10. PLAN AND PROFILE RECONDIDO CANYON
  11. PLAN AND PROFILE SCONDIDO CANYON
  12. SITE PLAN ESCONDIDO CANYON
  13. PLAN AND PROFILE CORRAL NORTH TRAIL
  14. PLAN AND PROFILE CORRAL NORTH TRAIL
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  23. SITE PLAN CORRAL CANYON
  24. SITE PLAN CORRAL CANYON
  25. PARKING & DO PROFILE CORRAL CANYON
  26. PARKING AND PROFILE CORRAL CANYON
  27. CAMPING AREA 2 MALIBU BLUFFS
  28. TRAIL AND GRADING DETAILS
  29. SITE PLAN RAMIREZ CANYON ROAD
  21. SITA 1+00 TO 20+00 RAMIREZ CANYON ROAD
  21. SITA 20+00 TO 33+25 RAMIREZ CANYON ROAD
  24. SITA 24+50 TO 20+00 RAMIREZ CANYON ROAD
  25. TRAIL AND GRADING DETAILS
  26. TRAIL AND GRADING DETAILS
  27. TRAIL AND GRADING DETAILS
  28. TRAIL AND GRADING DETAILS
  29. SITA 1+00 TO 55+00 RAMIREZ CANYON ROAD
  21. SITA 24+50 TO 55+00 RAMIREZ CANYON ROAD
  21. SITA 24+50 TO 55+00 RAMIREZ CAN
- 51. EMRICGIUS / ACCESS, PARKING, AND BMP'S RAMIREZ CANYON
  51. EMRICGIUS / ACCESS, PARKING, AND BMP'S RAMIREZ CANYON
  51. ARMIREZ CANYON PARK PROPOSED HYDRANTS AND ROAD WIDENING
  52. EMERGENCY ACCESS, PARKING, AND BMP'S RAMIREZ CANYON
  52. RAMIREZ CANYON PARK PROPOSED HYDRANTS AND ROAD WIDENING
  53. TILE SHEET RAMIREZ CREEK RESTORATION / ENHANCEMENT
  54. SHEET INDEX MAP AND NOTES RAMIREZ CREEK RESTORATION / ENHANCEMENT
  55. PLAN STA 10+00 10 11+81 RAMIREZ CREEK RESTORATION / ENHANCEMENT
  56. PLAN STA 11+81 TO 14+19 RAMIREZ CREEK RESTORATION / ENHANCEMENT
  57. PLAN STA 14+19 TO 16+81 RAMIREZ CREEK RESTORATION / ENHANCEMENT
  58. PLAN STA 14+19 TO 16+81 RAMIREZ CREEK RESTORATION / ENHANCEMENT
  59. PLAN STA 18+61 TO 20+20 RAMIREZ CREEK RESTORATION / ENHANCEMENT
  61. CREEK PROPILE RAMIREZ CREEK RESTORATION / ENHANCEMENT
  62. CROSS SECTIONS RAMIREZ CREEK RESTORATION / ENHANCEMENT
  63. RESTORATION / ENHANCEMENT DETAILS RAMIREZ CREEK RESTORATION / ENHANCEMENT
  63. RESTORATION / ENHANCEMENT DETAILS RAMIREZ CREEK RESTORATION / ENHANCEMENT
  63. RESTORATION / ENHANCEMENT DETAILS RAMIREZ CREEK RESTORATION / ENHANCEMENT

- PHASE 2 SUBSTITUTE THE FOLLOWING SHEETS ATTACHED AT THE END OF THIS SET 4. PHASE 2: SITE PLAN RAMIREZ CANYON AND KANAN DUME ROAD 5. PHASE 2: SITE PLAN RAMIREZ CANYON OF THIS SET STEPPHASE 2: SITE PLAN RAMIREZ CANYON 1. PHASE 2: AREA 2 RAMIREZ CANYON 1. PHASE 2: KANAN DUME ROAD RAMIREZ CANYON 1. PHASE 2: KANAN DUME ROAD RAMIREZ CANYON 1. PHASE 2: STA 6+00 TO 6+00 SECONDARY ACCESS VIA ACERO ROAD 1. PHASE 2: STA 6+00 TO 12+00 SECONDARY ACCESS VIA ACERO ROAD 1. PHASE 2: STA 18+00 TO 18+00 SECONDARY ACCESS VIA ACERO ROAD 1. PHASE 2: STA 18+00 TO 102+00 SECONDARY ACCESS VIA ACERO ROAD 1.

## TRENCHING AND BACKFILLING

- ALL TRENCHING, BEDDING AND BACKFILL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS.
- WATER ENCOUNTERED IN TRENCH OR STRUCTURE EXCAVATION SHALL BE REMOVED BY THE CONTRACTOR TO THE SATISFACTION OF THE SOILS ENGINEER TO PROVIDE DRY CONDITIONS DURING CONSTRUCTION OF THEE OR STRUCTURE.

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- RENAM OR STRUCTURE EXCANATION SUBGRADE SHALL BE OBSERVED BY THE SOILS ENGINEER PRIOR TO PLACEMENT OF BEDDING MATERIAL. WET OR INSTABLE SOIL REQUINITERED IN THE BOTTOM OF THE EXCANATION AND DEFENDE THE SOILS ENGINEER TO BE INCAPABLE OF PROPERTY SUPPORTING THE PRE OR STRUCTURE BEING CONSTRUCTED, SHALL BE REMOVED TO THE DETTH RECOMMENDED BY THE SOILS ENGINEER AND THE EXCHAIGN BEING FOR STRUCTURE GRADE WITH SUITABLE MATERIAL RECOMMENDED BY THE SOILS ENGINEER AND THE MATERIAL RECOMMENDED BY THE SOILS ENGINEER.
- BEDDING AND BACKFILL MATERIAL SHALL BE TESTED FOR COMPLIANCE WITH APPLICABLE REQUIREMENTS BY THE SOILS ENGINEER.
- COMPACTION BY FLOODING OR JETTING IS NOT PERMITTED UNLESS SPECIFICALLY APPROVED BY THE SOILS ENGINEER. BACKFILL COMPACTION SHALL BE TESTED IN ACCORDANCE WITH ASTM STANDARD D-1557, LATEST REVISION, AND REPORTED BY THE SOILS ENGINEER.

6.

- TRENCH BACKFILL SHALL NOT BE PLACED UNTIL BEDDING AND INITIAL (PIPE ZONE) BACKFILL HAVE BEEN OBSERVED, TESTED AND APPROVED.
- ALL WORK INVOLVING EXCAVATION INCLIDING THAT FOR SEWER AND UTILY CODDITS AND ALL SERVICE CONNECTIONS AND METER BOXES SHALL BE COMPLETED, OBSERVED AND APPROVED BY THE FUBILIC WORKS DEFAPTIMENT AND THE STRUCTURAL BACKFILL OBSERVED, TESTED FOR COMPACTION AND APPROVED BEFORE AGGREGATE BASE, PANNIG OR OTHER PERMANENT SURFACE CONSTRUCTION MAY COMMENCE.
- ERALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE HEALTH TETY LAMS, ORDINANCES, REGULATIONS, RULES, AND STANDARDS INCLUDING ALL JENTS OF THE STATE OF CALFORNIA DIVISION OF INDUSTRIAL SAFETY AND OF
- CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN SUCH SHEETING, SHORING, BRACING, AND/OR OTHER PROTECTION AS IS INCESSARY TO PREVENT FAULURE OF IEROPORARY EXCAVATIONS AND EMBANKMINTS AND TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS, IND PARTIALLY COMPLETED PORTIONS OF THE WORK. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SUFFICIENCY OF SUCH SUPPORTS AND/OR OTHER PROTECTION.
- THE CONTRACTOR SHALL EXPOSE AND VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING IMPROVEMENTS PRIOR TO BEGINNING WORK.

### SURVEY NOTES

TOPOGRAPHIC INFORMATION SHOWN IN THESE PLANS IS BASED ON AN AERIAL SURVEY PREPARED BY HAW GEOSPATIAL, NOC. THE BASIS OF BEARINGS FOR THIS SURVEY'S INFECALIFORNIA COORDINATE SYSTEM NADBAS ZOME 5 (EPOCH 2004.0) AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS (CGPS) AND/OR CONTINUOUS OFERATING REFERENCE STATIONS (CORS) SPK1 & AOA1 BEING S56-56-34E AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) AND/OR THE NATIONAL GEODETIC SURVEY (NGS), RESPECTIVELY.

VERTICAL DATUM: NAVD88, EPOCH 2004.0 PER GPS TIES & GEOID MODELING (GEOIDO3) TO LA. CO BENCHMARKS Y 5415 (2003 ADJ.) & Y 10346 (2003 ADJ.)

## STORM DRAIN SPECIFICATIONS

- STORM DRAINS, DROP INLETS, TRENCHING, BACKFILLING, ETC., SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE LATEST EDITION OF THE LOS ANGLES COUNTY DEPARTMENT OF PUBLIC WORKS STANDARD PLANS EXCEPT AS MODIFIED BY THESE PLANS.
- MISCELLANEOUS DRAINAGE FACILITIES SHALL BE CONSTRUCTED AS SHOWN ON TYPICAL DETAILS, SECTIONS AND NOTES ON THESE PLANS.

# KS PUBLIC ACCESS ENHANCEMENT PLAN PUBLIC WORKS PLAN CONCEPT

MALIBU PAR

SANTA MONICA MOUNTAINS CONSERVANCY GENERAL CONSTRUCTION AND UTILITY NOTES SHEET 우 **63** 

N DATE AUGUST 25, 13638.05 2010

G? , Street, -9532 Penfield & Smith veyors · Planners Management · BRET FOSTER
PROJECT ENGINEER
R.C.E. 48,267 ( JHC CHECKED 06-30-12 胃

ADOPTED ON AUGUST 23, 2010 MOUNTAINS CONSERVANCY AND CONSERVATION

BY SANTA MONICA MOUNTAINS AUTHORITY.

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